INTERFACE REQUIREMENTS DOCUMENT
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1. INTRODUCTION

This document describes the portion of the development objects (FRICE list) that relate with sending data to or receiving data from other systems. The BEACON SAP system will need to communicate with legacy systems, other SAP systems (DOT), and other partners such as benefit providers and banks. Each interface will be made up of two portions. The first is the SAP side of the interface and the second is the sender/receiver system. The BEACON project owns the SAP portion of each interface, while the owner of the external application owns development of their portion of the interface. Each interface must be tested with each external application owner.

2. OVERALL SCOPE OF INTERFACE DEVELOPMENT

The *Final FRICE_List.xls* file contains a complete list of all interfaces identified during the Business Blueprint phase. The total number of interfaces by area is summarized in the following exhibit.

Type	BN	FI	OM	PA	PD	PT	PY	Total
Interface	32	16	3	4		2	50	107

BN – Benefits
FI – Financial
OM – Org Management
PA – Personal Administration
PD – Personnel Development
PT – Time
PY – Payroll

At project initiation there were 80 interfaces planned. During blueprint additional interfaces were identified. These additional interfaces include several major interfaces such as Universities and Retirement (Orbit) system interfaces.

3. OVERALL INTERFACE SCHEMATIC

The follow schematic provides and overview of the interfaces between the BEACON SAP system and external applications.

HR/Payroll Interfaces Schematic
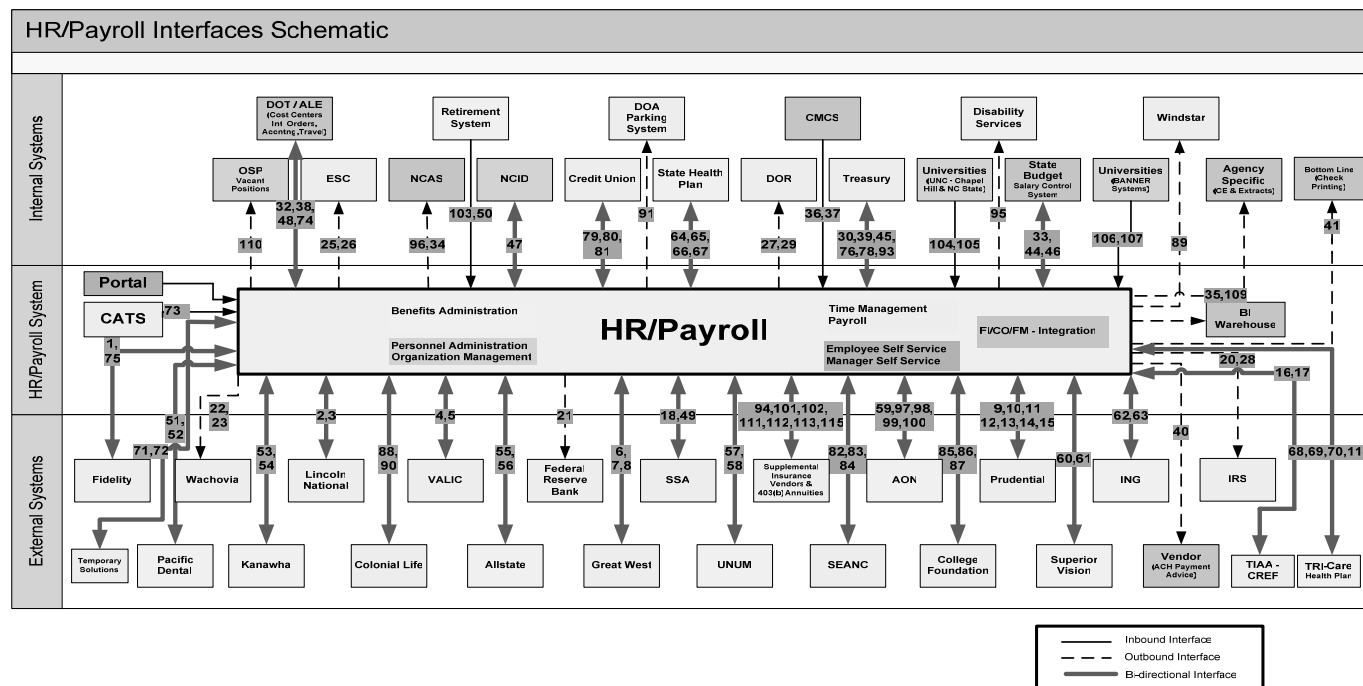
As can be observed from the schematic, there are 44 external applications/organizations. Several applications/organizations have multiple interfaces listed.

4.   DEVELOPMENT PROCESS/APPROACH

1. All FRICE objects from the FRICE listing are referenced in all specifications.
2. Specifications for all interfaces will be documented according to standards.
   There are two templates available:
   a. Functional Specification template – The functional team fills in the specification to guide the development and testing of the interface. The Technical development team will provide guidance and assistance as needed.
   b. Technical Specification template – Based on the content of the functional specification, the technical team will complete the technical specifications for each interface.
3. Actual programming begins once both specifications are complete and approved.
4. The development team completes the unit test of each interface.
5. The functional team completes functional testing and approves the interface to be taken into production.

Each interface specifications will be analyzed by the development team to look for opportunities to use previously developed code and routines to save development costs as well as simplify maintenance. Where a single organization has multiple interfaces identified, design sessions will be held to simplify and reduce the number of interfaces required.